

CLAIMS

The invention claimed is:

1. A mobile data management system for use in administering medical treatment to a patient, comprising:
 - 5 an interface for receiving data associated with the patient from a device;
 - a control system for analyzing the data and generating a report that identifies medically relevant data that will aide in treating the patient;
 - a display for viewing either the data or the report; and
 - 10 a communication system for transferring the report between the data management system and a remote location, wherein the report is transferred to the remote location before the patient arrives.
2. The system of Claim 1 further comprising a memory storage element for storing previously processed data for subsequent retrieval.
3. A global positioning system for use with the management system of Claim 1, comprising:
 - 15 a global positioning device that produces data in response to receiving signals from a plurality of remote satellites; wherein the control system generates a second report in response to receiving the position data from the global positioning device and the communication system transmits the second report to the remote location before the patient arrives.
4. The system of Claim 1 wherein the interface is either a medical device interface for receiving the readings from medical devices or a data drive for receiving the biographical data from a data accumulation device.
5. The system of Claim 4 wherein the data accumulation device is a smart card and the communication system is either the Internet or a wireless data network.

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6. The system of Claim 1 wherein the device is an input device is selected from the group consisting of a touch-sensitive screen, keyboard, or numeric keypad.
7. The system of Claim 1 wherein the remote location is a medical facility and the communication interface transmits the report to the medical facility before the patient arrives at the medical facility.
8. A data accumulation device for transmitting biographical data to the management system of Claim 1.
9. A medical device for transmitting at least one medical reading to the management system of Claim 1.

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10. The system of Claim 1 for use by either medical personnel or the patient.
11. The system of Claim 1 further comprising a cradle for connecting the data management system to a remote computer system, wherein the control system processes data received from the remote computer system.

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12. An emergency medical treatment system for use by medical personnel in treating a patient en route to a medical facility, comprising:
 - an interface for receiving medically relevant data associated with the patient from at least one device;
 - a control system for analyzing the data received by the interface and for generating a report in response to processing at least a portion of the data received by the interface;
 - a display for viewing the data, report, or some combination thereof, and
 - a communication system for transferring the report between the treatment system and the medical facility wherein the report is transferred across a network to the medical facility before the patient arrives.

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13. The treatment system further comprising a multipurpose card for temporarily storing and transporting the medically relevant data.

14. A global positioning system for use with the management system of Claim 10, comprising:

5 a global positioning device that produces position data in response to receiving signals from a plurality of remote satellites; wherein the control system produces a second report in response to receiving the position data from the global positioning device and the communication system transmits the location report to the medical facility.

10 15. The treatment system of Claim 12 wherein the interface includes an input device selected from the group consisting of a touch-sensitive screen, keyboard, or numeric keypad.

15 16. The treatment system of Claim 12 wherein the medical device is selected from the group consisting of a blood pressure cuff, pulse-ox machine, thermometer, heart monitor, and glucometer.

17. The system of Claim 12, wherein the report includes either a triage report or an admission form.

18. A computerized method for treating a patient en route to a medical facility using an emergency medical treatment system, comprising the steps of:

20 receiving medically relevant data associated with the patient; processing at least a portion of the data; generating at least one report in response to processing a portion of the data; and transferring the report between the treatment system and the medical facility.

19. The method of Claim 18 wherein the report is transferred before the patient arrives.
20. The method of Claim 18 further comprising receiving a response from the remote location based on the transmitted report.